

Title (en)

SYSTEMS AND METHODS FOR POSTERIOR DYNAMIC STABILIZATION OF THE SPINE

Title (de)

SYSTEME UND VERFAHREN ZUR POSTERIOREN DYNAMISCHEN STABILISIERUNG DER WIRBELSÄULE

Title (fr)

SYSTEMES ET METHODES POUR UNE STABILISATION DYNAMIQUE POSTERIEURE DE LA COLONNE VERTEBRALE

Publication

EP 1968494 A4 20120912 (EN)

Application

EP 06845480 A 20061213

Priority

- US 2006047824 W 20061213
- US 31471205 A 20051220

Abstract (en)

[origin: WO2007075375A2] Devices, systems and methods for dynamically stabilizing the spine are provided. The devices include an expandable spacer having an undeployed configuration and a deployed configuration, wherein the spacer has axial and radial dimensions for positioning between the spinous processes of adjacent vertebrae. The systems include one or more spacers and a mechanical actuation means for delivering and deploying the spacer. The methods involve the implantation of one or more spacers within the interspinous space.

IPC 8 full level

A61B 17/02 (2006.01); **A61B 17/16** (2006.01); **A61B 17/17** (2006.01); **A61B 17/34** (2006.01); **A61B 17/70** (2006.01); **A61B 17/88** (2006.01); **A61B 19/12** (2006.01); **A61B 46/27** (2016.01); **A61F 2/44** (2006.01)

CPC (source: EP US)

A61B 17/025 (2013.01 - EP US); **A61B 17/1671** (2013.01 - EP US); **A61B 17/1697** (2013.01 - EP US); **A61B 17/1757** (2013.01 - EP US); **A61B 17/3421** (2013.01 - EP US); **A61B 17/7065** (2013.01 - EP US); **A61B 17/8866** (2013.01 - EP US); **A61B 17/0206** (2013.01 - EP US); **A61B 17/7062** (2013.01 - EP US); **A61B 17/848** (2013.01 - EP US); **A61B 17/8897** (2013.01 - EP US); **A61B 90/39** (2016.02 - EP US); **A61B 2017/00004** (2013.01 - EP US); **A61B 2017/0023** (2013.01 - EP US); **A61B 2017/00261** (2013.01 - EP US); **A61B 2017/00557** (2013.01 - EP US); **A61B 2017/0256** (2013.01 - EP US); **A61B 2017/681** (2013.01 - US); **A61B 2090/033** (2016.02 - EP US); **A61B 2090/034** (2016.02 - EP US); **A61B 2090/062** (2016.02 - EP US); **A61F 2/0077** (2013.01 - EP US)

Citation (search report)

- [XAYI] US 6796983 B1 20040928 - ZUCHERMAN JAMES F [US], et al
- [YA] US 2004181282 A1 20040916 - ZUCHERMAN JAMES F [US], et al
- [E] EP 1861046 B1 20120229 - KYPHON SARL [CH]
- See references of WO 2007075375A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007075375 A2 20070705; WO 2007075375 A3 20081218; AU 2006329867 A1 20070705; AU 2006329867 B2 20130919; CA 2634251 A1 20070705; CA 2634251 C 20150630; EP 1968494 A2 20080917; EP 1968494 A4 20120912; EP 1968494 B1 20130925; EP 2676611 A1 20131225; EP 2676611 B1 20150325; ES 2439945 T3 20140127; ES 2540082 T3 20150708; IL 192322 A0 20081229; IL 192322 A 20140630; US 10278744 B2 20190507; US 2007161991 A1 20070712; US 2013012998 A1 20130110; US 2016030092 A1 20160204; US 8152837 B2 20120410; US 9039742 B2 20150526; WO 2007075791 A2 20070705; WO 2007075791 A3 20090423

DOCDB simple family (application)

US 2006047824 W 20061213; AU 2006329867 A 20061213; CA 2634251 A 20061213; EP 06845480 A 20061213; EP 13184922 A 20061213; ES 06845480 T 20061213; ES 13184922 T 20061213; IL 19232208 A 20080619; US 2006048614 W 20061220; US 201213442751 A 20120409; US 201514693572 A 20150422; US 31471205 A 20051220